

Figure 1

ATTGTCCTCCACCACTCCCAATAACAAAATAACTAGCAACG  
 met lys pro val glu ser ile phe leu ile phe leu leu am phe thr glu ser arg  
 ATG AAG TCG GTG GAA TCA ATT TTT TCA ATT TTC CTA GTA AAT TTT ACT GAA TCC AGA (1091)

10 20 30  
 thr leu his arg amn glu tyr gly ile ala ser ile leu am ser tyr gin cys thr ala glu ile ser leu ala am leu ala thr ile  
 ACA CTG CAT AGA AAT GAA TAT GGA ATA OCT TCC ATA TTG GAT TCT TAC CAA TGT ACT GCA GAG ATA AGT TTA OCT GAC CTG OCT ACE ATA (1091)

40 50 60  
 phe phe ala gin phe val gin glu ala thr tyr lys glu val ser lys met val lys amn ala leu thr ala ile glu lys pro thr gly  
 TTT TTT GGC CAG TTT GTT CAA GAA GGC ACT TAC AAG GAA GTA AOC AAA ATG GTG AAA GAT GCA TTG ACT GCA ATT GAG AAA GGC ACT GGA (2091)

70 80 90  
 amn glu gin ser ser gly cys leu glu amn gin leu pro ala phe leu glu glu leu cys his glu lys glu ile leu glu lys tyr gly  
 GAT GAA CAG TCT TCA GCG TGT TTA GAA AAC CAG CTA OCT GGC TTT CTG GAA GAA CTT TOC CAT GAG AAA GAA ATT TTG GAG AAG TAC GGA (3091)

100 110 120  
 his ser amn cys cys ser gin ser glu glu gly arg his amn cys phe leu ala his lys lys pro thr pro ala ser ile pro leu phe  
 CAT TCA GAC TCC TCC AGC CAA AGT GAA GAG GGA AGA CAT AAC TGT TTT CTT GCA CAC AAA AAG GGC ACT GCA GCA TCG ATC GCA CTT TTC (4091)

130 140 150  
 glu val pro glu pro val thr ser cys glu ala tyr glu glu amn arg glu thr phe met amn lys phe ile tyr glu ile ala arg arg  
 CAA GTT GCA GAA OCT GTC ACA AGC TGT GAA GCA TAT GAA GAA GAC AOC GAG ACA TTC ATG AAC AAA TTC ATT TAT GAG ATA GCA AGA AGC (5091)

160 170 180  
 his pro phe leu tyr ala pro thr ile leu leu thr ala ala arg tyr amn lys ile ile pro ser cys cys lys ala glu amn ala val  
 CAT GCG TTC CTG TAT GCA OCT ACA ATT CTT CTT TCG OCT OCT GGC TAT GAC AAA ATA ATT GCA TCT TCC TCC AAA OCT GAA AAT GCA GTT (6091)

190 200 210  
 glu cys phe gin thr lys ala ala thr val thr lys glu leu arg glu ser ser leu leu amn gin his ala cys ala val met lys amn  
 GAA TCC TTC CAA ACA AAG GCA GCA ACA GTT ACA AAA GAA TTA AGA GAA AGC AGC TTG TTA AAT CAA CAT GCA TGT GCA GTA ATG AAA AAT (7091)

220 230 240  
 phe gly thr arg thr phe gin ala ile thr val thr lys leu ser gin lys phe thr lys val amn phe thr glu ile gin lys leu val  
 TTT GCG ACC GCA ACT TTC CAA GGC ATA ACT GTT ACT AAA CTG AGT CAG AAG TTT AOC AAA GTT AAT TTT ACT GAA ATC CAG AAA CTA GTC (8091)

250 260 270  
 leu amn val ala his val his glu his cys cys arg gly amn val leu amn cys leu gin amn gly glu lys ile met ser tyr ile cys  
 CTG GAT GTG GGC CAT GTA CAT GAG CAC TGT TCC AGA GGA GAT GTG CTG CAT TGT CTG CAG GAT GCG GAA AAA ATC ATG TCC TAC ATA TGT (9091)

280 290 300  
 ser gin gin amn thr leu ser amn lys ile thr glu cys cys lys leu thr thr leu glu arg gly gin cys ile ile his ala glu amn  
 TCT CAA CAA GAC ACT CTG TCA AAC AAA ATA ACA GAA TCC TCC AAA CTG ACC AGC CTG GAA GGT OCT CAA TGT ATA ATT CAT GCA GAA AAT (10091)

310 320 330  
 amn glu lys pro glu gly leu ser pro amn leu amn arg phe leu gly amn arg amn phe amn gin phe ser ser gly glu lys amn ile  
 GAT GAA AAA OCT GAA GGT CTA TCT GCA AAT CTA AAC AGC TTT TTA GGA GAT AGA GAT TTT AAC CAA TTT TCT TCA GCG GAA AAA AAT ATC (11091)

340 350 360  
 phe leu ala ser phe val his glu tyr ser arg arg his pro gin leu ala val ser val ile leu arg val ala lys gly tyr gin glu  
 TTC TTG GCA AGT TTT GTT CAT GAA TAT TCA AGA AGA CAT OCT CAG CTT OCT GTC TCA GTA ATT CTA AGA GTT OCT AAA GGA TAC CAG GAG (12091)

370 380 390  
 leu leu glu lys cys phe gin thr glu amn pro leu glu cys gin amn lys gly glu glu glu leu gin lys tyr ile gin glu ser gin  
 TTA TTG GAG AAG TGT TTC CAG ACT GAA AAC CCT CTT GAA TCC CAA GAT AAA GGA GAA GAA GAA TTA CAG AAA TAC ATC CAG GAG AGC CAA (13091)

400 410 420  
 ala leu ala lys arg ser cys gly leu phe gin lys leu gly glu tyr tyr leu gin amn ala phe leu val ala tyr thr lys lys ala  
 GCA TTG GCA AAG GCA AGC TCC GGC CTC TTC CAG AAA CTA GGA GAA TAT TAC TTA CAA AAT GCG TTT CTC GTT OCT TAC ACA AAG AAA GGC (14091)

430 440 450  
 pro gin leu thr ser ser glu leu met ala ile thr arg lys met ala ala thr ala ala thr cys cys gin leu ser glu amn lys leu  
 GGC CAG CTG ACC TCG TCG CAG CTG ATG GGC ATC ACC AGA AAA ATG GCA GGC ACA GCA GGC ACT TGT TCC CAA CTC AGT GAG GAC AAA CTA (15091)

460 470 480  
 leu ala cys gly glu gly ala ala amn ile ile ile gly his leu cys ile arg his glu met thr pro val amn pro gly val gly gin  
 TTG GCG TGT GCG GAG GGA GCG OCT GAC ATT ATT ATC GCA CAC TTA TGT ATC AGA CAT GAA ATG ACT CCA GTA AAC CCT GGT GTT GCG CAG (16091)

490 500 510  
 cys cys thr ser ser tyr ala amn arg arg pro cys phe ser ser leu val val amn glu thr tyr val pro pro ala phe ser amn amn  
 TCC TCC ACT TCT TCA TAT GGC AAC AGC AGC GCA TCC TTC AGC AGC TTG GTG GTG GAT GAA ACA TAT GTC CCT OCT GCA TTC TCT CAT GAG (17091)

520 530 540  
 lys phe ile phe his lys amn leu cys gin ala gin gly val ala leu gin thr met lys gin glu phe leu ile amn leu val lys gin  
 AAG TTC ATT TTC CAT AAG GAT CTG TCC CAA OCT CAG GGT GTA GCG CTG CAA ACT ATG AAG CAA GAG TTT CTC ATT AAC CTT GTG AAG CAA (18091)

550 560 570  
 lys pro gin ile thr glu glu gin leu glu ala val ile ala amn phe ser gly leu leu glu lys cys cys gin gly gin glu gin glu  
 AAG GCA CAA ATA ACA GAG GAA CAA CTT GAG GCT GTC ATT GCA GAT TTC TCA GGC CTG TTG GAG AAA TCC TCC CAA TCC CAG GAA CAG GAA (19091)

580 590  
 val cys phe ala glu glu gly gin lys leu ile ser lys thr arg ala ala leu gly val thr  
 GTC TCC TTT OCT CAA GAG GCA CAA AAA CTG ATT TCA AAA ACT GGT GGT GGT TTG GGA GTT TAA ATTAATTTCAGGCGAAGAGAGACAAACAGTCT (20091)

TTGATTCGCGTGTCACTTTTCTCTTTAATTTAACTGATTTAACACTTTTGTGAATTAATGAAATGATAAAGACTTTTATGTGATTTCTCTATCACAGAAATAAATACTCCAAAT (2027)

Figure 2

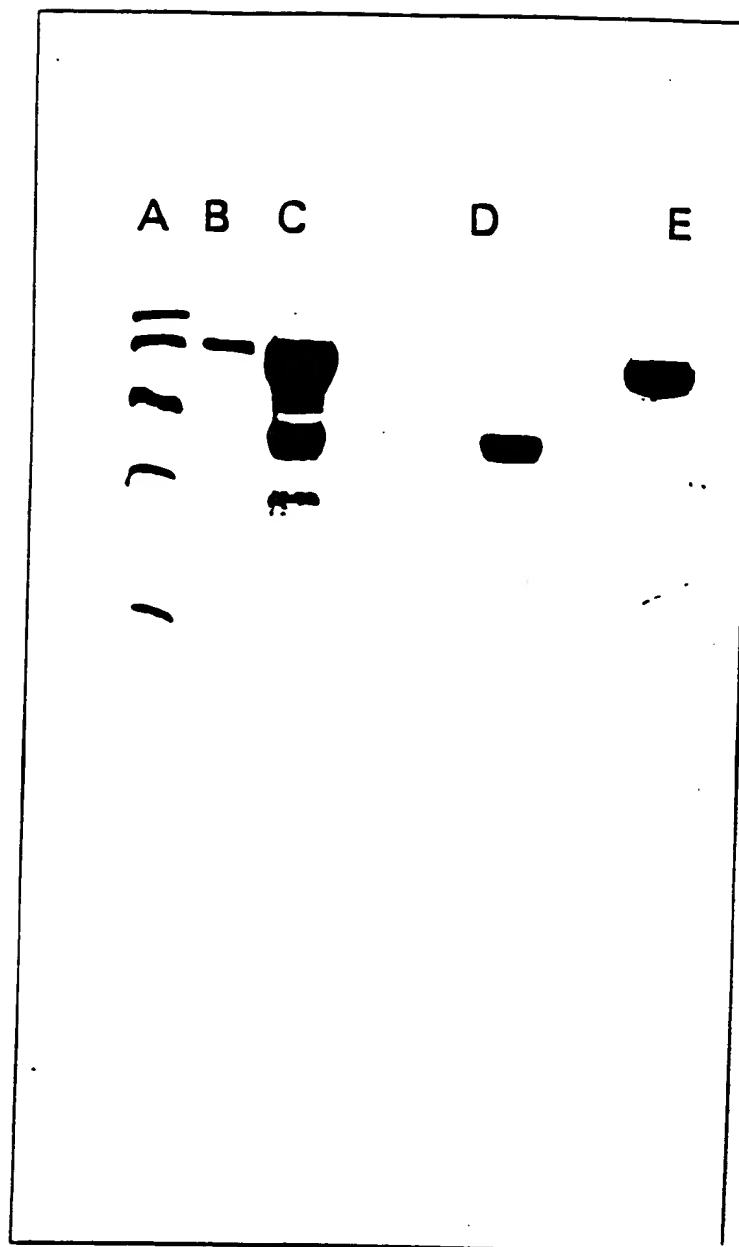


Figure 3

